LASYSTEMS - Brusselsesteenweg 208 - 1730 Asse - Belgium
Phone: +32-2-4531312 - Fax: +32-2-4531763
E-mail: info@lasystems.be

Asrock H61M-DGS R2.0 motherboard (H61M-DGS R2.0)

Intel H61, LGA1155, 2 x DDR3 DIMM, non-ECC, un-buffered, PCI Express 3.0 x16, PCI Express 2.0 x1, PS/2 x 2, D-Sub, DVI-D, 4 x USB 2.0, RJ-45, Micro ATX

PDF generated on: 22 June, 2015

Price details:

Price excl. VAT: 43.78 €
Eco fees: 0.08 €
VAT 21 %: 9.21 €

Product details:

Product code: H61M-DGS R2.0
EAN: 4717677322255
Manufacturer: Asrock

53.07 €

* VAT included

High Density Glass Fabric PCB
What you've never understood about your computer is that it is scared to death of water, H2O, humidity or whatever you'd like to name it. And even though you do not see the water, actually there may be lots of excessive moist in the air killing your motherboard silently and slowly. No, your motherboard doesn't melt when in contact with water like the wicked witch of the west, but it dies of short circuit. Luckily, ASRock has a new High Density Glass Fabric PCB design that reduces the gaps between the PCB layers to protect the motherboard against electrical shorts caused by humidity.

All Solid Capacitor Design
ASRock is determined to use high quality materials to build the best motherboards, that's why all the capacitors on this motherboard are built with 100% solid capacitors. These solid capacitors bring long lasting durability and ultra stable performance.

Next-Gen PCI-E 3.0 Support
This ASRock motherboard supports the Next-Gen PCI-E 3.0! PCI Express 3.0 can maximize the bandwidth of the next-gen PCI Express 3.0 VGA cards, thus providing ultimate graphics performance.

AXTU - The All-in-1 Tuning Software
ASRock Extreme Tuning Utility (AXTU) is an all-in-one software to fine-tune different features in an user-friendly interface, which includes Hardware Monitor, Fan Control, Overclocking, OC DNA, IES and XFast RAM. In Hardware Monitor, it shows the major readings of your system. In Fan Control, it shows the fan speed and temperature for you to adjust. In Overclocking, you are allowed to adjust the CPU frequency, ratio and some voltages for optimal system performance. In OC DNA, you can save your OC settings as a profile and share with your friends. Your friends then can load the OC profile to their own system to get the same OC settings. In IES (Intelligent Energy Saver), the voltage regulator can reduce the number of output phases to improve efficiency when the CPU cores are idle without sacrificing computing performance. In XFast RAM, it fully utilizes the memory space that cannot be used under Windows® OS 32-bit CPU.

Intel® Smart Connect Technology
Intel® Smart Connect Technology keeps content always up-to-date! It means that your email, favorite apps, and social networks are continually and automatically updated even when the system is asleep. Smart Connect will periodically wake up the PC while in a sleep state and check updates for things like email, Twitter, Facebook, etc. No more waiting for the latest world news or friends' updates to be delivered-just enable this function and you're up-to-date and ready to go.

Intel® Rapid Start Technology
Intel® Rapid Start Technology gets your device up and running faster from even the deepest sleep, saving time and battery life. It quickly returns where you left off with a PC that goes from deep-sleep to full awake in a flash. The ultra-responsive capability gives your device the power to quickly resume to Windows® 7 OS within few seconds and ensures ultra-low power consumption when on standby. With Intel® Rapid Start Technology, users can jump right back into everything they were doing!

Dehumidifier

Dampness kills most electronics, so it's a better idea to keep your personal computer dry. Now users may prevent motherboard damages due to dampness by enabling Dehumidifier. When it is enabled, the computer will power on automatically to dehumidify the system after entering S4/S5 state.

OMG
Limit and control your children's time spent on the internet. ASRock OMG (Online Management Guard) technology allows you to establish an internet curfew or restrict internet access at specified times. Administrators are able to schedule the starting and ending hours of internet access granted to other users.

Fast Boot
With ASRock's exclusive Fast Boot technology, it takes less than 1.5 seconds* to logon to Windows® 8 from a cold boot. No more waiting! The speedy boot will completely change your user experience and behavior.

Intel® HD Graphics Built-in Visuals
Intel® HD Graphics, simplifies your designs by eliminating additional discrete graphics hardware, while integrating stunning visuals and performance for immersive gaming.

Restart to UEFI
Fast Boot is so fast that it is impossible for users to enter the UEFI setup utility during POST. Therefore, ASRock Restart to UEFI technology allows users to easily enter the UEFI setup utility automatically when turning on the PC next time. It is designed for those who constantly need to enter the UEFI setup utility.

Good Night LED
Are you eager to enjoy an absolutely better stand-by environment than ever before? ASRock Good Night LED technology can offer you a better environment by extinguishing the unessential LED. By enabling Good Night LED in BIOS, the Power / HDD / LAN LED will be switched off when system is on. Not only this, Good night LED will automatically switch off Power and Keyboard LED when the system enters into Standby / Hibernation mode as well.

Crashless BIOS
ASRock Crashless BIOS allows users to update their BIOS without fear of failing. If power loss occurs during the BIOS update process, ASRock Crashless BIOS will automatically finish the BIOS update procedure after regaining power. Please note that BIOS files need to be placed in the root directory of your USB disk. Only USB 2.0 ports support this feature.

Main specifications:

Memory

Supported memory types:	DDR3-SDRAM
Memory slots type:	DIMM
Memory channels:	Dual
ECC:	N
Non-ECC:	Y
Supported memory clock speeds:	1066, 1333, 1600 MHz
Maximum internal memory:	16 GB
Unbuffered memory:	Y
Memory slots:	2

Processor

Processor family:	Intel
Compatible processor series:	Core i3, Core i5, Core i7
Processor socket:	Socket H2 (LGA 1155)

Internal I/O

USB 2.0 connectors:	2
Supported hard disk drive interfaces:	Serial ATA II
CPU fan connector:	Y
Number of COM connectors:	1
ATX Power connector (24-pin):	Y
Chassis intrusion connector:	Y
Number of chassis fan connectors:	1
Front panel audio connector:	Y
TPM connector:	Y
Peripheral (Molex) power connectors (4-pin):	1
Number of SATA II connectors:	4

Back panel I/O ports

USB 2.0 ports quantity:	4

Ethernet LAN (RJ-45) ports:	1
PS/2 ports quantity:	2
Headphone outputs:	2
Microphone in:	Y
S/PDIF out port:	Y
VGA (D-Sub) ports quantity:	1
DVI-D ports quantity:	1

Networking

Ethernet LAN:	Y
LAN controller:	Realtek RTL8111C
Wake-on-LAN ready:	Y
Ethernet interface type:	Gigabit

Performance

Component for:	PC
Motherboard chipset family:	Intel
Motherboard chipset:	Intel H61
Motherboard form factor:	Micro ATX
Audio output channels:	5.1
Audio system:	Realtek ALC662
Certification:	- FCC, CE, WHQL

Graphics

Maximum graphics adapter memory:	1760 MB
HDCP:	Y
DirectX version:	11

Expansion slots

PCI Express x1 (Gen 2.x) slots:	1
PCI Express x16 (Gen 3.x) slots:	1

BIOS

BIOS type:	UEFI AMI
BIOS memory size:	32 MB
ACPI version:	1.1

Packaging content

Cables included:	SATA
Drivers included:	Y
Trial software:	AntiVirus Software, Start8
Quick installation guide:	Y

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